

## RACU 6 DEACTIVATION

### NOTE

This procedure assumes that MDM N1-2 is Primary and MDM N1-1 is Secondary.

PCS

### 1. INHIBIT NCS AUTORETRY

Node 1: C&DH: MDM N1-2

Primary NCS MDM Node 1

'Software Control'

sel MDM Utilities

sel Commands

**cmd** Prim\_NCS\_Inh\_NCS\_Retry **Execute**

Primary\_NCS\_MDM\_Uilities

√Auto Retry Inhibit - X

### 2. COMMAND N1-1 TO DIAGNOSTICS

### NOTE

Expect PCS FDA 'CDH MDM N1-2 Detected RT Fail MDM N1-1 - PMA1'.

Node 1: C&DH: MDM N1-1

Secondary NCS MDM Node 1

'MDM Major State'

sel Commands

**cmd** N1\_1\_MDM\_Cmd\_Xsitn\_Dgnstc\_State\_Arm **Execute**

**cmd** N1\_1\_MDM\_Xsitn\_Dgnstc\_State **Execute**

### 3. REMOVE POWER FROM N1-1 MDM

Node 1: EPS: RPCM N1RS1 A

'RPCM N1RS1 A'

sel RPC 11

sel Commands

**cmd** Open **Execute**

√Position - Op

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PCS

4. DISABLE RT DEVICES I/O ON EPS BUSES

Node 1: C&DH: MDM N1-2

Primary NCS MDM Node 1

sel UB EPS\_N1-14  
sel RT Status  
sel Inhib\_RT Commands

PRIM\_NCS\_UB\_EPS\_N1\_14\_Inhib

**cmd** Inhib\_RPCM\_N1RS1\_A **Execute**  
**cmd** Inhib\_RPCM\_N1RS1\_B **Execute**  
**cmd** Inhib\_RPCM\_N1RS1\_C **Execute**

RT Status

√RT Inhibit 20, 19, 18 (three) - X

5. COMMAND FGB RACU 6 OFF

NOTE

RACU commands sent from orbiter will not work if FGB relay matrix is in **MCC-M** command state (COMMANDING - INH). Crew can follow ground activities using the "If ENA" block below.

CRT

SM 204 FGB

√COMMANDING - INH (Moscow Commanding)

If COMMANDING - INH

Crew ↓ **MCC-H**, "Ready for RACU 6 Power Off."  
**MCC-H** ⇒ **MCC-M**, "Go for RACU 6 Power Off."

RUSSIAN GROUND	<u>AOS</u>	<u>LOS</u>
Pass 1	___/___:__:__	___/___:__:__
Pass 2	___/___:__:__	___/___:__:__

**MCC-M** ⇒ **MCC-H** ↑ crew,  
"RACU 6 Powered Off at \_\_\_/\_\_\_:\_\_:\_\_ GMT."

If COMMANDING - ENA

**MCC-M** ⇒ **MCC-H**, "Go for RACU 6 Power Off."  
**MCC-H** ↑ crew, "Moscow GO for RACU 6 Power Off."

## On MCC GO

MCDS

SM 204 FGB

RACU 6 Power OFF VIA NCS - ITEM 8 EXEC

√RACU 6 Input Amps < 2.0 A

√Output Volts: 0.0 V

√RACU 6 Power Off - \*

PCS

FGB: EPS

FGB: EPS: RACU Details

RACU Details

sel Commands

**cmd** RACU6 - Off **Execute**

√RACU 6 Converter - Off

√RACU 6 Input Current < 2.0 A

√RACU 6 Output Voltage ~0.0 V